

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 19-09H			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ANTELOPE CREEK			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK			
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7685			
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703						9. OPERATOR E-MAIL ppowell@pgei.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H623514			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2081 FSL 586 FEL	NESE	19	5.0 S	3.0 W	U
Top of Uppermost Producing Zone	2529 FSL 1429 FEL	NWSE	19	5.0 S	3.0 W	U
At Total Depth	2529 FSL 1429 FEL	NWSE	19	5.0 S	3.0 W	U

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 586		23. NUMBER OF ACRES IN DRILLING UNIT 640	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 859		26. PROPOSED DEPTH MD: 6433 TVD: 6313	
27. ELEVATION - GROUND LEVEL 6500		28. BOND NUMBER LPM4138336		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	14	0 - 53	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	8.625	0 - 493	24.0	J-55 ST&C	10.0	Class G	226	1.17	15.8
Prod	7.875	5.5	0 - 6433	15.5	J-55 LT&C	10.0	Class G	492	1.92	12.5
							Class G	346	1.46	13.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 10/31/2013	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013526350000	APPROVAL Permit Manager	

PETROGLYPH OPERATING CO., INC.

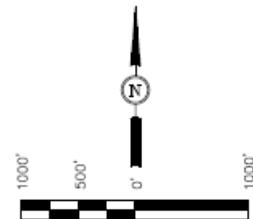
Well location, UTE TRIBAL #19-09H, located as shown in the NE 1/4 SE 1/4 of Section 19, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING
LOCATED IN THE SE 1/4 OF SECTION 16, T5S, R3W,
U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6281.9
FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SCALE
CERTIFICATECERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE REPORT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REvised: 09-25-13 S.S.

UNIAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

L - 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ - SECTION CORNERS LOCATED

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°01'54.45" (40.031794)	LATITUDE = 40°01'50.03" (40.030564)
LONGITUDE = 110°15'40.69" (110.261303)	LONGITUDE = 110°15'29.85" (110.258292)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°01'54.54" (40.031831)	LATITUDE = 40°01'50.17" (40.030603)
LONGITUDE = 110°15'38.19" (110.260594)	LONGITUDE = 110°15'27.30" (110.257583)

SCALE
1" = 1000'

DATE SURVEYED: 08-01-13	DATE DRAWN: 08-20-13
----------------------------	-------------------------

	PARTY			
1)		G.M.	C.H.	C.A.G.
2)				

REFERENCES	G.L.O. PLAT
------------	-------------

	WEATHER
--	---------

FILE	
PETROGLYPH OPERATING CO., INC.	